

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 19 of the specification with the following revised abstract which is submitted on a separate sheet.

ABSTRACT

A method for measuring a fill level [(7)] of a fill substance [(1)] in a container [(3)] and for monitoring at least one predetermined fill level (L_{MIN} , L_{MAX}), using a fill level measuring device [(5)] working according to the travel-time principle, as well as a corresponding fill level measuring device [(5)], wherein the monitoring satisfies high safety standards, wherein, in each measuring cycle, transmission signals (S) are sent toward the fill substance [(1)] and their echo signals (E) are received, the fill level [(7)] is determined, based on the echo signals (E), in a first evaluation method, and it is determined, based on the echo signals (E), in a second evaluation method independent of the first evaluation method, whether the fill level exceeds or falls beneath the predetermined fill levels (L_{MIN} , L_{MAX}).